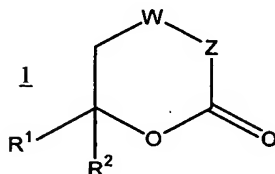


We claim:

1. Compounds of formula (1), and pharmaceutically acceptable salts, solvates, metabolites, prodrugs and solvates thereof,



wherein:

W-Z is -C(=O)-C(-R<sup>3</sup>)(H)- or -C(-OR<sup>6</sup>)=C(-R<sup>3</sup>)-;

- each R<sup>1</sup> is independently selected from hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, (C<sub>3</sub>-C<sub>10</sub>) cycloalkyl, 4- to 10-membered heterocyclic, and C<sub>6</sub>-C<sub>10</sub> aryl, wherein the foregoing R<sup>1</sup> groups, except H, are optionally substituted by 1 to 4 substituents selected from R<sup>4</sup>;

- R<sup>2</sup> is selected from the group of R<sup>1</sup> substituents, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(C<sub>3</sub>-C<sub>10</sub> cycloalkyl), -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(4-10 membered heterocyclic), -(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>C(O)(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), -(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>C(O)(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(4-10 membered heterocyclic), -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>O(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>O(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>(4-10 membered heterocyclic), -(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>SO<sub>n</sub>(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(C<sub>6</sub>-C<sub>10</sub> aryl), and -(CR<sup>8</sup>R<sup>9</sup>)<sub>q</sub>SO<sub>n</sub>(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(4-10 membered heterocyclic), wherein q and t are each independently an integer from 0 to 5, n is an integer from 0 to 2, the alkyl, cycloalkyl, aryl and heterocyclic moieties of said R<sup>2</sup> groups are optionally substituted by 1 to 5 R<sup>4</sup> groups, and with the proviso that R<sup>2</sup> is not H;

R<sup>3</sup> is hydrogen, -OR<sup>6</sup>, -SR<sup>6</sup>, -NR<sup>6</sup>R<sup>7</sup>, and the group of R<sup>2</sup> substituents;

- R<sup>3</sup> is selected from the group of R<sup>3</sup> substituents;

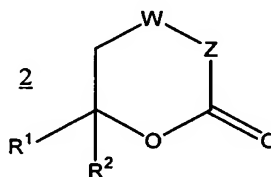
- each R<sup>4</sup> is independently selected from halo, cyano, nitro, trifluoromethoxy, trifluoromethyl, azido, C<sub>1</sub>-C<sub>10</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>3</sub>-C<sub>10</sub> cycloalkyl, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>N(R<sup>5</sup>)<sub>2</sub>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>C(O)R<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>OR<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)R<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)OR<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)R<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>C(O)R<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>C(O)OR<sup>6</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>C(O)NR<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>C(O)NR<sup>6</sup>R<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>R<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>OR<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>SO<sub>2</sub>NR<sup>6</sup>R<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>NR<sup>6</sup>SO<sub>2</sub>R<sup>7</sup>, -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(C<sub>6</sub>-C<sub>10</sub> aryl)(wherein t is an integer from 0 to 5), -(CR<sup>8</sup>R<sup>9</sup>)<sub>t</sub>(4-10 membered heterocyclic)(wherein t is an integer from 0 to 5), C<sub>3</sub>-C<sub>10</sub> cycloalkyl, R<sup>6</sup>-O-, R<sup>6</sup>-SO<sub>n</sub>-(CR<sup>8</sup>R<sup>9</sup>)<sub>n</sub>- (wherein n is an integer from 0 to 2), and oxo (=O), and wherein the alkyl, aryl, and heterocyclic moieties of said R<sup>4</sup> groups are optionally substituted by 1 to 4 substituents selected from R<sup>5</sup>;

each  $R^5$  is independently selected from halo, trifluoromethyl, trifluoromethoxy, cyano,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-OR^8$ ,  $C_3$ - $C_{10}$  cycloalkyl,  $C_6$ - $C_{10}$  aryl, 4- to 10-membered heterocyclic, oxo ( $=O$ ),  $-C(O)R^6$ ,  $-C(O)OR^6$ ,  $-OC(O)R^6$ ,  $-NR^6C(O)R^6$ ,  $-NR^6C(O)NR^7$ ,  $-C(O)NR^6R^7$ ,  $-NR^6R^7$ ,  $-NR^6OR^7$ ,  $-NR^6SO_2R^7$  and  $-SO_2NR^6R^7$ , wherein the alkyl, aryl and heterocyclic moieties of the foregoing  $R^5$  groups are optionally substituted by 1 to 3  $R^{10}$ ;

each  $R^6$  and  $R^7$  is independently selected from H, cyano,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_{10}$  cycloalkyl,  $-(CR^8R^9)_t(C_6-C_{10}$  aryl), and  $-(CR^8R^9)_t(4-10$  membered heterocyclic),  $-(CR^8R^9)_tC(O)R^8$  wherein  $t$  is an integer from 0 to 5, 1 or 2 ring carbon atoms of the heterocyclic group are optionally substituted with an oxo ( $=O$ ) moiety, and the alkyl, aryl and heterocyclic moieties of the foregoing  $R^6$  and  $R^7$  groups are optionally substituted with 1 to 3 halo, cyano,  $C_3$ - $C_{10}$  cycloalkyl,  $-C(O)OR^8$ ,  $-NR^8C(O)R^9$ ,  $-(CR^8R^9)_tNR^8R^9$ ,  $-OR^8$ ,  $-NC(O)R^9$ , trifluoromethyl, trifluoromethoxy,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-(CR^8R^9)_t(C_6-C_{10}$  aryl), and  $-(CR^8R^9)_t(4-10$  membered heterocyclic), wherein  $t$  is an integer from 0 to 5;

each  $R^8$  and  $R^9$  is independently selected from H and  $C_1$ - $C_4$  alkyl; and  
 each  $R^{10}$  is independently selected from halo, cyano, trifluoromethyl, trifluoromethoxy,  $-C(O)OR^6$ ,  $-C(O)O-R^6$ ,  $-OR^6$ ,  $-C(O)(CR^8R^9)_pC(O)OR^6$ , wherein  $p$  is an integer from 1 to 5,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl, and  $-NR^6R^7$ .

2. Compounds of formula (2), and pharmaceutically acceptable salts, solvates, metabolites, prodrugs and solvates thereof,



wherein:

W-Z is  $-C(-OR^6)=C(-R^3)-$ ;  
 $R^1$  is cyclopentyl;  
 $R^2$  is  $-(CR^8R^9)_t(C_6-C_{10}$  aryl) or  $-(CR^8R^9)_t(4-10$  membered heterocyclic), wherein  $t$  is an integer from 0 to 5, and the aryl and heterocyclic moieties of said  $R^2$  groups are optionally substituted by 1 to 5  $R^4$  groups, and with the proviso that  $R^2$  is not H;  
 $R^3$  is hydrogen,  $-OR^6$ ,  $-SR^6$ ,  $-NR^6R^7$ , and the group of  $R^2$  substituents;  
 each  $R^4$  is independently selected from halo, cyano, nitro, trifluoromethoxy, trifluoromethyl, azido,  $C_1$ - $C_{10}$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-C(O)R^6$ ,  $-C(O)OR^6$ ,  $-OC(O)R^6$ ,  $-NR^6C(O)R^7$ ,  $-NR^6C(O)NR^7$ ,  $-C(O)NR^6R^7$ ,  $-NR^6R^7$ ,  $-NR^6OR^7$ ,  $-SO_2NR^6R^7$ ,  $-NR^6SO_2R^7$ ,

$-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$  (wherein  $t$  is an integer from 0 to 5),  $-(CR^8R^9)_t$  (4-10 membered heterocyclic) (wherein  $t$  is an integer from 0 to 5),  $C_3-C_{10}$  cycloalkyl,  $R^6-O-$ ,  $R^6-SO_n-$  (wherein  $n$  is an integer from 0 to 2), and oxo ( $=O$ ), and wherein the alkyl, aryl, and heterocyclic moieties of said  $R^4$  groups are optionally substituted by 1 to 4 substituents selected from  $R^5$ ;

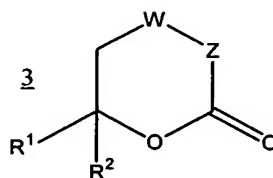
5 each  $R^5$  is independently selected from halo, trifluoromethyl, trifluoromethoxy, cyano,  $C_1-C_6$  alkyl,  $C_2-C_6$  alkenyl,  $C_2-C_6$  alkynyl,  $-OR^6$ ,  $C_3-C_{10}$  cycloalkyl,  $C_6-C_{10}$  aryl, 4- to 10-membered heterocyclic, oxo ( $=O$ ),  $-C(O)R^6$ ,  $-C(O)OR^6$ ,  $-OC(O)R^6$ ,  $-NR^6C(O)R^6$ ,  $-NR^6C(O)NR^7$ ,  $-C(O)NR^6R^7$ ,  $-NR^6R^7$ ,  $-NR^6OR^7$ ,  $-NR^6SO_2R^7$  and  $-SO_2NR^6R^7$ , wherein the alkyl, aryl and heterocyclic moieties of the foregoing  $R^5$  groups are optionally substituted by 1 to 3  $R^{10}$ ;

10 each  $R^6$  and  $R^7$  is independently selected from H,  $C_1-C_6$  alkyl,  $C_3-C_{10}$  cycloalkyl,  $-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$ , and  $-(CR^8R^9)_t$  (4-10 membered heterocyclic), wherein  $t$  is an integer from 0 to 5, 1 or 2 ring carbon atoms of the heterocyclic group are optionally substituted with an oxo ( $=O$ ) moiety, and the alkyl, aryl and heterocyclic moieties of the foregoing  $R^6$  and  $R^7$  groups are optionally substituted with 1 to 3 halo, cyano, trifluoromethyl, trifluoromethoxy,  $C_1-C_6$  alkyl,  $C_1-C_6$  alkoxy,  $C_2-C_6$  alkenyl,  $C_2-C_6$  alkynyl,  $(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$ , and  $-(CR^8R^9)_t$  (4-10 membered heterocyclic), wherein  $t$  is an integer from 0 to 5;

each  $R^8$  and  $R^9$  is independently selected from H and  $C_1-C_4$  alkyl; and

20 each  $R^{10}$  is independently selected from halo, cyano, trifluoromethyl, trifluoromethoxy,  $-C(O)O-R^6$ ,  $-OR^6$ ,  $-C(O)(CR^8R^9)_pC(O)OR^6$ , wherein  $p$  is an integer from 1 to 5,  $C_1-C_6$  alkyl,  $C_2-C_6$  alkenyl,  $C_2-C_6$  alkynyl, and  $NR^6R^7$ .

3. Compounds of formula (3), and pharmaceutically acceptable salts, solvates, prodrugs, and metabolites thereof,



25

wherein:

W-Z is  $-C(=O)-C(-R^3)(H)-$ ;

$R^1$  is cyclopentyl;

30  $R^2$  is  $-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$  or  $-(CR^8R^9)_t$  (4-10 membered heterocyclic), wherein  $t$  is an integer from 0 to 5, and the aryl and heterocyclic moieties of said  $R^2$  groups are optionally substituted by 1 to 5  $R^4$  groups, and with the proviso that  $R^2$  is not H;

$R^3$  is hydrogen;

each  $R^4$  is independently selected from halo, cyano, nitro, trifluoromethoxy, trifluoromethyl, azido,  $C_1$ - $C_{10}$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-C(O)R^6$ ,  $-C(O)OR^6$ ,  $-OC(O)R^6$ ,  $-NR^6C(O)R^7$ ,  $-NR^6C(O)NR^7$ ,  $-C(O)NR^6R^7$ ,  $-NR^6R^7$ ,  $-NR^6OR^7$ ,  $-SO_2NR^6R^7$ ,  $-NR^6SO_2R^7$ ,  $-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$  (wherein  $t$  is an integer from 0 to 5),  $-(CR^8R^9)_t(4-10 \text{ membered heterocyclic})$  (wherein  $t$  is an integer from 0 to 5),  $C_3$ - $C_{10}$  cycloalkyl,  $R^6-O-$ ,  $R^6-SO_n-$  (wherein  $n$  is an integer from 0 to 2), and oxo ( $=O$ ), and wherein the alkyl, aryl, and heterocyclic moieties of said  $R^4$  groups are optionally substituted by 1 to 4 substituents selected from  $R^5$ ;

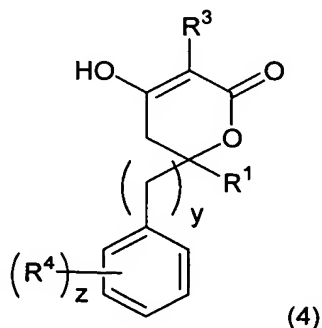
each  $R^5$  is independently selected from halo, trifluoromethyl, trifluoromethoxy, cyano,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $-OR^8$ ,  $C_3$ - $C_{10}$  cycloalkyl,  $C_6$ - $C_{10}$  aryl, 4- to 10-membered heterocyclic, oxo ( $=O$ ),  $-C(O)R^6$ ,  $-C(O)OR^6$ ,  $-OC(O)R^6$ ,  $-NR^6C(O)R^6$ ,  $-NR^6C(O)NR^7$ ,  $-C(O)NR^6R^7$ ,  $-NR^6R^7$ ,  $-NR^6OR^7$ ,  $-NR^6SO_2R^7$  and  $-SO_2NR^6R^7$ , wherein the alkyl, aryl and heterocyclic moieties of the foregoing  $R^5$  groups are optionally substituted by 1 to 3  $R^{10}$ ;

each  $R^6$  and  $R^7$  is independently selected from H,  $C_1$ - $C_6$  alkyl,  $C_3$ - $C_{10}$  cycloalkyl,  $-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$ , and  $-(CR^8R^9)_t(4-10 \text{ membered heterocyclic})$ , wherein  $t$  is an integer from 0 to 5, 1 or 2 ring carbon atoms of the heterocyclic group are optionally substituted with an oxo ( $=O$ ) moiety, and the alkyl, aryl and heterocyclic moieties of the foregoing  $R^6$  and  $R^7$  groups are optionally substituted with 1 to 3 halo, cyano, trifluoromethyl, trifluoromethoxy,  $C_1$ - $C_6$  alkyl,  $C_1$ - $C_6$  alkoxy,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl,  $(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$ , and  $-(CR^8R^9)_t(4-10 \text{ membered heterocyclic})$ , wherein  $t$  is an integer from 0 to 5;

each  $R^8$  and  $R^9$  is independently selected from H and  $C_1$ - $C_4$  alkyl; and

each  $R^{10}$  is independently selected from halo, cyano, trifluoromethyl, trifluoromethoxy,  $-C(O)O-R^6$ ,  $-OR^6$ ,  $-C(O)(CR^8R^9)_pC(O)OR^6$ , wherein  $p$  is an integer from 1 to 5,  $C_1$ - $C_6$  alkyl,  $C_2$ - $C_6$  alkenyl,  $C_2$ - $C_6$  alkynyl, and  $NR^6R^7$ .

4. Compounds of formula (4),



wherein:

$R^1$  is cyclopentyl;

$R^3$  is  $-(CR^8R^9)_t(C_6-C_{10} \text{ aryl})$  or  $-(CR^8R^9)_t(4-10 \text{ membered heterocyclic})$ , wherein  $t$  is an integer from 0 to 5, and the aryl and heterocyclic moieties of said  $R^3$  groups are optionally substituted by 1 to 5  $R^4$  groups;

5 each  $R^4$  is independently chosen from halo,  $C_1-C_{10}$  alkyl, and  $R^6-O-$ , and each  $C_1-C_{10}$  alkyl may be optionally substituted by at least one substituent chosen from halo, trifluoromethyl, trifluoromethoxy,  $C_1-C_{10}$  alkyl, and cyano; or

when two adjacent  $R^4$  groups are both  $C_1-C_{10}$  alkyl, they, together with the atoms to which they are attached, form a 3- to 7-membered ring, wherein in said ring any carbon atom may be replaced by a heteroatom chosen from N, O, and S, provided that two adjacent carbons are not both replaced by heteroatoms;

$R^6$  is hydrogen or  $C_1-C_{10}$  alkyl;

$R^8$  and  $R^9$  are independently chosen from hydrogen and  $C_1-C_{10}$  alkyl;

$z$  is an integer from 1 to 5; and

$y$  is an integer from 0 to 5.

15

5. Compounds according to claim 4, wherein:

$R^3$  is  $-(CR^8R^9)_t(4-10 \text{ membered heterocyclic})$ , wherein  $t$  is an integer from 0 to 5, and the heterocyclic moiety is optionally substituted by 1 to 5  $R^4$  groups; and

$R^8$  and  $R^9$  are hydrogen.

20

6. Compounds according to claim 5, wherein:

$R^3$  is  $-(CH_2)_t([1,2,4]\text{triazolo}[1,5-a]\text{pyrimidinyl})$ , optionally substituted by 1 to 3  $R^4$  groups;  $t$  is an integer from 1-3; and

$y$  is an integer from 1 to 3.

25

7. Compounds according to claim 6, wherein:

$R^3$  is  $-(CH_2)_t([1,2,4]\text{triazolo}[1,5-a]\text{pyrimidinyl})$ , substituted by 1 to 3  $R^4$  groups;

each  $R^4$  is independently chosen from halo and  $C_1-C_{10}$  alkyl optionally substituted with cyano; or

30

two adjacent  $R^4$  groups are both  $C_1-C_{10}$  alkyl and, together with the atoms to which they are attached, form a 3- to 7-membered ring, wherein a carbon atom is replaced by a heteroatom chosen from N, O, and S;

$z$  is an integer from 2 to 3; and

$y$  is 2.

8. Compounds according to claim 7, wherein:

$R^3$  is  $-(CH_2)([1,2,4]triazolo[1,5-a]pyrimidinyl)$ , substituted by 2  $R^4$  groups; and each  $R^4$  is independently chosen from halo,  $-CH_3$ , and  $-C(CH_3)_2CN$ .

5

9. Compounds according to claim 7, wherein two adjacent  $R^4$  groups are both  $C_1$ - $C_{10}$  alkyl and, together with the atoms to which they are attached, form a 3- to 7-membered ring, wherein a carbon atom is replaced by a heteroatom chosen from N, O, and S.

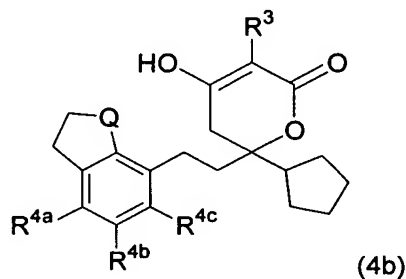
10. Compounds according to claim 9, wherein:

$R^3$  is  $-(CH_2)([1,2,4]triazolo[1,5-a]pyrimidinyl)$ , substituted by at least one substituent chosen from halo and methyl; and

two adjacent  $R^4$  groups, together with the atoms to which they are attached form a 5-membered ring, wherein in said ring one carbon atom is replaced by O.

15

11. Compounds of formula (4b),



wherein:

$R^3$  is  $-(CH_2)([1,2,4]triazolo[1,5-a]pyrimidinyl)$ , substituted by at least one substituent chosen from halo and methyl;

20

Q is chosen from N, O, and S;

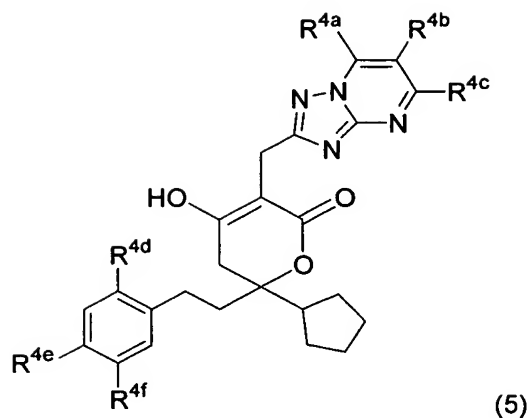
$R^{4a}$ ,  $R^{4b}$ , and  $R^{4c}$  are independently chosen from hydrogen, halo,  $C_1$ - $C_{10}$  alkyl, and  $R^6$ -O-;

and

$R^6$  is chosen from hydrogen and  $C_1$ - $C_{10}$  alkyl.

25

12. Compounds of formula (5),



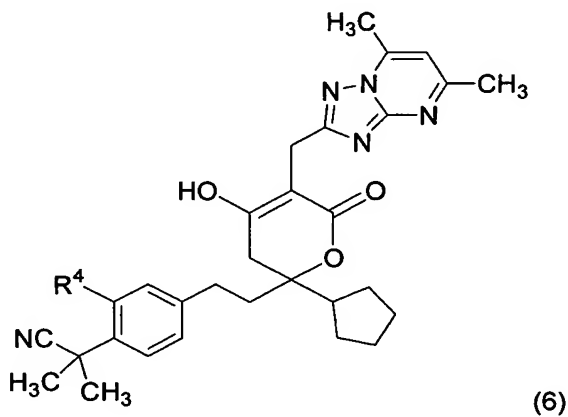
wherein:

$R^{4a}$ ,  $R^{4b}$ , and  $R^{4c}$  are independently chosen from halo and  $C_1$ - $C_{10}$  alkyl;

- 5  $R^{4d}$ ,  $R^{4e}$ , and  $R^{4f}$  are independently chosen from halo,  $R^6$ -O-, and  $C_1$ - $C_{10}$  alkyl, wherein said  $C_1$ - $C_{10}$  alkyl is optionally substituted with at least one substituent chosen from halo and cyano; and

$R^6$  is  $C_1$ - $C_{10}$  alkyl or hydrogen.

13. Compounds of formula (6),



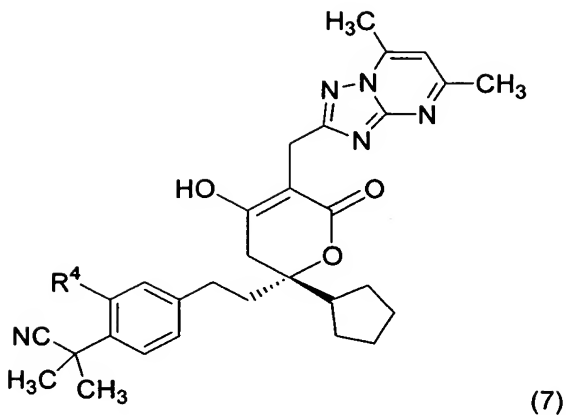
10

wherein  $R^4$  is halo.

14. Compounds according to claim 13, wherein  $R^4$  is chosen from fluorine and chlorine.

15

15. Compounds of formula (7), ✓



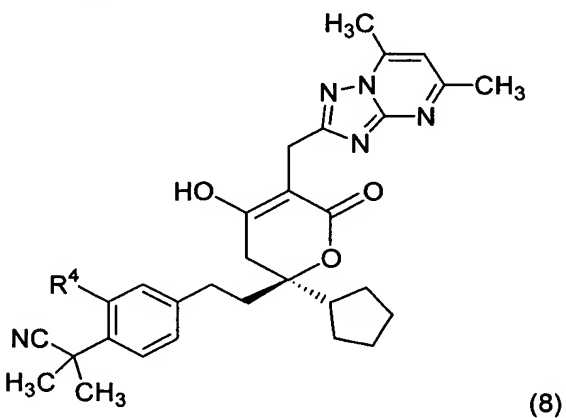
(7)

wherein R<sup>4</sup> is halo.

16. Compounds according to claim 15, wherein R<sup>4</sup> is chosen from fluorine and chlorine.

5

17. Compounds of formula (8),



(8)

wherein R<sup>4</sup> is halo.

10

18. Compounds according to claim 17, wherein R<sup>4</sup> is chosen from fluorine and chlorine.

19. Compounds according to claim 6, wherein:

R<sup>3</sup> is -(CH<sub>2</sub>)([1,2,4]triazolo[1,5-a]pyrimidinyl), optionally substituted by 1 to 3 R<sup>4</sup> groups;

15

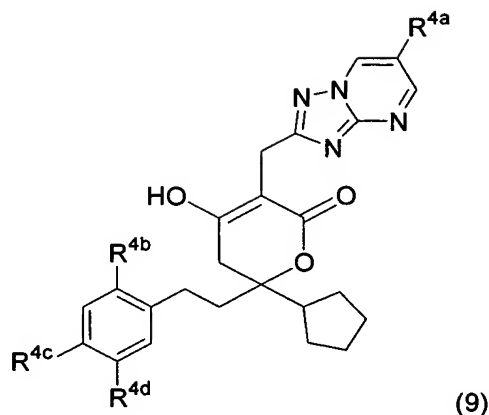
each R<sup>4</sup> is independently chosen from halo, C<sub>1</sub>-C<sub>10</sub> alkyl, and R<sup>6</sup>-O-, and each C<sub>1</sub>-C<sub>10</sub> alkyl may be optionally substituted by at least one substituent chosen from halo, trifluoromethyl, trifluoromethoxy, C<sub>1</sub>-C<sub>10</sub> alkyl, and cyano;



z is an integer from 1 to 3; and  
y is 2.

20. Compounds according to claim 19, wherein:  
5  $R^6$  is hydrogen or methyl; and  
z is an integer from 2-3.

21. Compounds of formula (9),



- 10 wherein:

$R^{4a}$  is halo or  $C_1$ - $C_{10}$  alkyl;  
 $R^{4b}$ ,  $R^{4c}$ , and  $R^{4d}$  are independently chosen from  $C_1$ - $C_{10}$  alkyl and  $R^6$ -O-; and  
 $R^6$  is hydrogen or methyl.

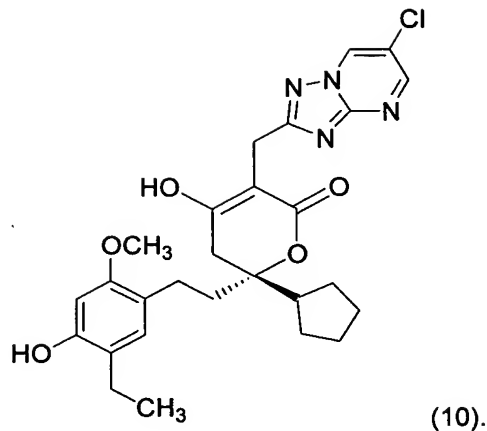
- 15 22. Compounds according to claim 21, wherein:  
 $R^{4a}$  is halo;  
 $R^{4b}$  and  $R^{4c}$  are each  $R^6$ -O-; and  
 $R^{4d}$  is  $C_1$ - $C_{10}$  alkyl.

- 20 23. Compounds according to claim 22, wherein:  
 $R^{4a}$  is fluorine or chlorine;  
 $R^{4b}$  is  $-OCH_3$ ;  
 $R^{4c}$  is  $-OH$ ; and  
 $R^{4d}$  is  $-CH_2CH_3$ .

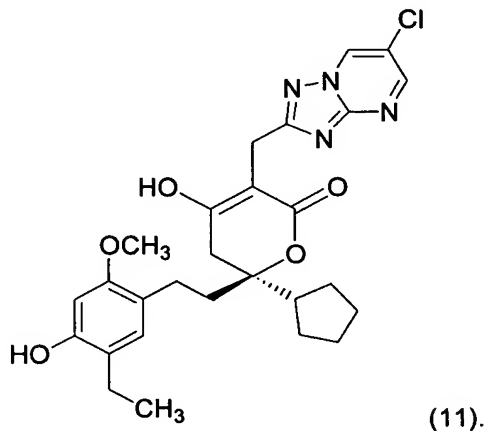
25

24. Compounds according to claim 23, wherein  $R^{4a}$  is chlorine.

25. A compound of formula (10), /



5 26. A compound of formula (11), /



27. A compound chosen from: /

- 10 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(3-fluoro-4-methoxyphenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-[2-(3-tert-Butyl-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(3-ethyl-4-hydroxyphenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 15 6-[2-(3-tert-Butyl-4-hydroxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;

- 6-[2-(3-Chloro-4-isopropoxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-Cyclopentyl-6-[2-(3,5-dichloro-4-ethoxy-phenyl)-ethyl]-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;
- 5 6-cyclopentyl-3-[(5,7-dimethyl [1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-[2-(3-isopropylphenyl)ethyl]dihydro-2*H*-pyran-2,4(3*H*)-dione;
- 7-[(6-[2-(5-Chloro-2,4-dimethoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-2-oxo-5,6-dihydro-2*H*-pyran-3-yl)methyl]-3-methyl-5*H*-[1,3]thiazolo[3,2-a]pyrimidin-5-one;
- 2-(4-{2-[2-Cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl]-ethyl}-2-fluoro-phenyl)-2-methyl-propionitrile;
- 10 1-(4-{2-[2-Cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl]-ethyl}-2-fluoro-phenyl)-cyclopropanecarbonitrile;
- 6-[2-(5-chloro-2,4-dimethoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-3-(imidazo[1,2-a]pyrimidin-2-ylmethyl)-5,6-dihydro-2*H*-pyran-2-one;
- 15 6 *N*-[4-(2-{2-cyclopentyl-5-[(5,7-dimethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4,6-dioxotetrahydro-2*H*-pyran-2-yl}ethyl)-2-ethylphenyl]-*N*-methylmethanesulfonamide;
- 2-[4-(2-{2-cyclopentyl-4-hydroxy-5-[(1-methyl-1*H*-indol-5-yl)methyl]-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}ethyl)-2-fluorophenyl]-2-methylpropanenitrile;
- 6-[2-(3-Chloro-4-hydroxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;
- 20 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(3-ethyl-4-methoxyphenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 3-(5-Chloro-1-isopropyl-1-benzoimidazol-2-ylsulfanyl)-6-cyclopentyl-6-[2-(3-fluoro-4-isopropoxyphenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 25 5-{6-Cyclopentyl-6-[2-(3-fluoro-4-isopropoxy-phenyl)-ethyl]-4-hydroxy-2-oxo-5,6-dihydro-2*H*-pyran-3-ylsulfanyl}-4-methyl-4*H*-[1,2,4]triazole-3-carboxylic acid methyl ester;
- 3-(5-Chloro-1-methyl-1*H*-benzoimidazol-2-ylsulfanyl)-6-cyclopentyl-6-[2-[4-(3,5-dimethyl-isoxazol-4-yl)-phenyl]-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-[2-(3-chloro-4-methoxyphenyl)ethyl]-6-cyclopentyl-3-[(5-(2-furyl)-4-methyl-4*H*-1,2,4-triazol-3-yl)thio]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 30 6-[2-(3-chloro-4-methoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-3-[(5-pyridin-4-yl-4*H*-1,2,4-triazol-3-yl)thio]-5,6-dihydro-2*H*-pyran-2-one;
- 6-[2-(3-chloro-4-methoxyphenyl)ethyl]-3-[(5-chloro-1-methyl-1*H*-benzimidazol-2-yl)thio]-6-cyclopentyl-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;

- 6-[2-(5-chloro-2,4-dimethoxyphenyl)ethyl]-3-[(5-chloro-1-methyl-1*H*-benzimidazol-2-yl)thio]-6-cyclopentyl-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 6-[2-(3-chloro-4-isopropoxyphenyl)ethyl]-3-[(5-chloro-1-methyl-1*H*-benzimidazol-2-yl)thio]-6-cyclopentyl-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 5 8-({6-[2-(5-chloro-2,4-dimethoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-2-oxo-5,6-dihydro-2*H*-pyran-3-yl}thio)-1,7-dihydro-6*H*-purin-6-one;
- 6-[2-(5-chloro-2,4-dimethoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-3-[[5-(4-hydroxyphenyl)-4*H*-1,2,4-triazol-3-yl]thio]-5,6-dihydro-2*H*-pyran-2-one;
- ethyl 2-({6-[2-(5-chloro-2,4-dimethoxyphenyl)ethyl]-6-cyclopentyl-4-hydroxy-2-oxo-5,6-dihydro-2*H*-pyran-3-yl}thio)[1,2,4]triazolo[1,5-*a*]pyrimidine-6-carboxylate;
- 10 6-cyclopentyl-3-[(5,7-dimethyl[1,2,4]triazolo[1,5-*a*]pyrimidin-2-yl)methyl]-6-[2-(3-fluoro-4-isopropoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 6-Cyclopentyl-3-(5,7-dimethyl[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-6-[2-(3-ethyl-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 15 6-Cyclopentyl-3-(5,7-dimethyl[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-6-[2-(3-ethyl-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 2-[4-(2-{5-[(4-chloro-1-methyl-1*H*-pyrazol-3-yl)methyl]-2-cyclopentyl-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}ethyl)-2-fluorophenyl]-2-methylpropanenitrile;
- 2-[4-[2-(2-Cyclopentyl-4,6-dioxo-5-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-tetrahydro-pyran-2-yl)-ethyl]-2-fluoro-phenyl]-2-methyl-propionitrile;
- 20 2-[4-[2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-2-methyl-propionitrile;
- (+)-2-[4-[2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-2-methyl-propionitrile;
- 25 (-)-2-[4-[2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-2-methyl-propionitrile;
- 2-[4-[2-[5-(6-Chloro-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-2-cyclopentyl-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-2-methyl-propionitrile;
- 2-[4-[2-[2-Cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-2-ethyl-butyronitrile;
- 30 1-[4-[2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-*a*]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl]-2-fluoro-phenyl]-cyclopropanecarbonitrile;

- 1-(4-{2-[5-(6-Chloro-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-2-cyclopentyl-4,6-dioxo-tetrahydro-pyran-2-yl}-ethyl)-2-fluoro-phenyl)-cyclopropanecarbonitrile;
- 6-Cyclopentyl-6-[2-(3-ethyl-4-hydroxy-phenyl)-ethyl]-4-hydroxy-3-(6-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-5,6-dihydro-pyran-2-one;
- 5 3-(6-Chloro-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-cyclopentyl-6-[2-(3-ethyl-4-hydroxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-cyclopentyl-3-[(5,7-diethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-[2-(4-hydroxy-3-propylphenyl)ethyl]-5,6-dihydro-2*H*-pyran-2-one;
- 6-cyclopentyl-3-[(5,7-diethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-[2-(3-ethyl-4-hydroxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 10 *N*-[2-[4-(2-{2-cyclopentyl-5-[(5,7-dimethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)ethyl)-2-ethylphenoxy]ethyl]acetamide;
- 2-(4-{2-[2-Cyclopentyl-5- 5,7-dimethyl- [1,2,4] triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-2,6-difluoro-phenyl)-2-methyl-propionitrile;
- 15 2-(4-{2-[2-Cyclopentyl-4-hydroxy-5-(6-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-2,6-difluoro-phenyl)-2-methyl-propionitrile;
- 2-(2-Chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-2-methyl-propionitrile;
- 1-(2-Chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-cyclopropanecarbonitrile;
- 20 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-[2-(5-ethyl-4-hydroxy-2-methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- (+)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-2-methyl-propionitrile;
- 25 (-)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-2-methyl-propionitrile;
- (+)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-2-methyl-propionitrile;
- (-)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-2-methyl-propionitrile;
- 30 (+)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- (-)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;

- 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2-methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 (-)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2-methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 5 6-[2-(3-Chloro-5-ethyl-4-methoxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-2-methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 10 6-[2-(3-Chloro-5-ethyl-4-hydroxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-[3-ethyl-4-(2-hydroxy-ethoxy)-phenyl]-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-Cyclopentyl-6-[2-(3-cyclopropyl-4-methoxy-phenyl)-ethyl]-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-5,6-dihydro-pyran-2-one;
- 15 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 (+)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 20 (-)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-pyridin-3-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one; and  
 pharmaceutically acceptable salts, solvates and prodrugs of the foregoing compounds.
- 25 28. A compound chosen from:
- 2-[4-(2-{5-[(4-chloro-1-methyl-1*H*-pyrazol-3-yl)methyl]-2-cyclopentyl-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)ethyl}-2-fluorophenyl)-2-methylpropanenitrile;
- 2-(4-{2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl}-2-fluoro-phenyl)-2-methyl-propionitrile;
- 30 (+)-2-(4-{2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl}-2-fluoro-phenyl)-2-methyl-propionitrile;
- (-)-2-(4-{2-[2-Cyclopentyl-5-(6-methyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4,6-dioxo-tetrahydro-pyran-2-yl]-ethyl}-2-fluoro-phenyl)-2-methyl-propionitrile;

2-(4-{2-[5-(6-Chloro-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-2-cyclopentyl-4,6-dioxo-tetrahydro-pyran-2-yl}-ethyl)-2-fluoro-phenyl)-2-methyl-propionitrile;

3-(6-Chloro-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-cyclopentyl-6-[2-(3-ethyl-4-hydroxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;

- 5 *N*-(2-[4-(2-{2-cyclopentyl-5-[(5,7-dimethyl[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)ethyl)-2-ethylphenoxy]ethyl)acetamide;
- 2-(4-{2-[2-Cyclopentyl-5- 5,7-dimethyl- [1,2,4] triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}-ethyl)-2,6-difluoro-phenyl)-2-methyl-propionitrile;
- (+)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-
- 10 hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}-ethyl)-phenyl)-2-methyl-propionitrile;
- (-)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}-ethyl)-phenyl)-2-methyl-propionitrile;
- (+)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-
- 15 hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}-ethyl)-phenyl)-2-methyl-propionitrile;
- (-)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl}-ethyl)-phenyl)-2-methyl-propionitrile;
- (+)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-
- 20 methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- (-)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-
- methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2*H*-pyran-2-one;
- 1-(2-Chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-4-
- hydroxy-6-oxo-3,6-dihydro-2*H*-pyran-2-yl)-ethyl)-phenyl)-cyclopropanecarbonitrile;
- 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-[2-(5-ethyl-4-hydroxy-2-
- methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 25 (-)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-[2-(5-ethyl-4-
- hydroxy-2-methoxy-phenyl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-[2-(3-Chloro-5-ethyl-4-hydroxy-phenyl)-ethyl]-6-cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-
- a]pyrimidin-2-yl)methyl)-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-{2-[3-ethyl-4-(2-
- 30 hydroxy-ethoxy)-phenyl]-ethyl}-4-hydroxy-5,6-dihydro-pyran-2-one;
- 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-[2-(5-ethyl-4-hydroxy-
- 2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;
- (+)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl)-6-[2-(5-ethyl-4-
- hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;

(-)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-pyridin-3-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one; and

5 the pharmaceutically acceptable salts, solvates and prodrugs of the foregoing compounds.

29. A compound chosen from: ✓

- (+)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-6-oxo-3,6-dihydro-2H-pyran-2-yl]-ethyl}-phenyl)-2-methyl-propionitrile;  
 10 (-)-2-(2-fluoro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-6-oxo-3,6-dihydro-2H-pyran-2-yl]-ethyl}-phenyl)-2-methyl-propionitrile;  
 (+)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-hydroxy-6-oxo-3,6-dihydro-2H-pyran-2-yl]-ethyl}-phenyl)-2-methyl-propionitrile;  
 (-)-2-(2-chloro-4-{2-[2-cyclopentyl-5-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-4-  
 15 hydroxy-6-oxo-3,6-dihydro-2H-pyran-2-yl]-ethyl}-phenyl)-2-methyl-propionitrile;  
 (+)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2H-pyran-2-one;  
 (-)-3-[(6-chloro[1,2,4]triazolo[1,5-a]pyrimidin-2-yl)methyl]-6-cyclopentyl-6-[2-(5-ethyl-4-hydroxy-2-methoxyphenyl)ethyl]-4-hydroxy-5,6-dihydro-2H-pyran-2-one;  
 20 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 (+)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 (-)-6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-4-  
 25 hydroxy-2,3-dihydro-benzofuran-7-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one;  
 6-Cyclopentyl-3-(5,7-dimethyl-[1,2,4]triazolo[1,5-a]pyrimidin-2-ylmethyl)-6-[2-(5-ethyl-pyridin-3-yl)-ethyl]-4-hydroxy-5,6-dihydro-pyran-2-one; and  
 pharmaceutically acceptable salts, solvates and prodrugs of the foregoing compounds.

30 30. A method of treating Hepatitis C virus in a mammal, comprising administering to said mammal an amount of a compound according to claim 1 that is effective in treating HCV.

31. A method of inhibiting Hepatitis C virus polymerase, comprising contacting said polymerase with a polymerase-inhibiting amount of a compound according to claim 1.



32. A pharmaceutical composition for the treatment of Hepatitis C virus in a mammal, comprising an amount of a compound according to claim 1 that is effective in treating Hepatitis C virus, and a pharmaceutically acceptable carrier.